

FyrEye-2800 Family Printing and Finish Inspection Systems

The FyrEye 2800 Family inspects printed products for a wide range of printing, binding and assembly related defects and attributes.

Example inspection and control functions include:

- Print quality analysis / verification
- Proper printing (content and process)
- Presence or absence of saddle stitches
- Pinching or puckering on saddle stitches
- Proper angle on printed address/bar code
- Print quality of address/bar code
- Glue integrity on perfect bound products
- Ragged trim edges
- Completeness of coatings
- Color analysis
- OCR (Optical Character Recognition)
- OCV (Optical Character Verification)
- Printing registration checking & control

Applications include packaging, catalogs, magazines, newspaper, the web stage of printed products, books, and paperback books, as well as other printed materials.



This publication presents the FyrEye-2800 family in general and also a specific example system, model # FyrEye-2800-01 which includes: Inspection for missing or improper print content, including Style 17 CVP, powerful and user-friendly software, one standard progressive scan 640 x 480 camera with direct hardware trigger option, full PC/Windows architecture Ethernet port, removable mass media, 8 discrete inputs, 8 discrete outputs, internal storage for at least 40,000 programs or images, engineered lighting and optics, APS™ (Assured Path to Success™) scope, program and services, and no other options. A large amount of application-specific specs and functional details apply to the FyrEye-2800-01 example system; all other FyrEye-2800 family systems will be designed with sufficient performance capabilities to fulfill the requirements of the current application.

How to order: To order the exact example system specify model # FyrEye-2800-01. Otherwise please contact FSI or your FSI Representative for a FyrEye-2800 family system & solution for your specific application and requirements.

Besides system level benefits and advantages, FSI Machine Vision offers unique strengths and benefits in each of these important foundation areas: architecture, construction, expertise, methods and support. Please contact us for more information on any one of these areas, or if we may be of assistance on any automatic inspection or machine vision application.



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